

Dojindo Stop Manual! Use Easy Kit!

ACE Inhibitory Activity Assay

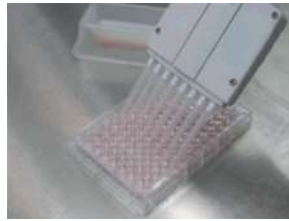
- 2 가지 목적의 Assay 가능
- Sample 내의 Inhibitors 여부 파악
- IC50 값 측정
- All-In-One Kit
- 90분 이내로 측정 가능
- 초심자를 위한 Protocol 제공!

01. Procedure



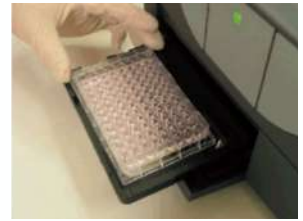
Add Sample, Substrate Buffer, and Enzyme Working Solution to each well

Incubate 60 min.



Add Indicator Working Solution to each well

Incubate 10 min.



Read absorbance at 450 nm

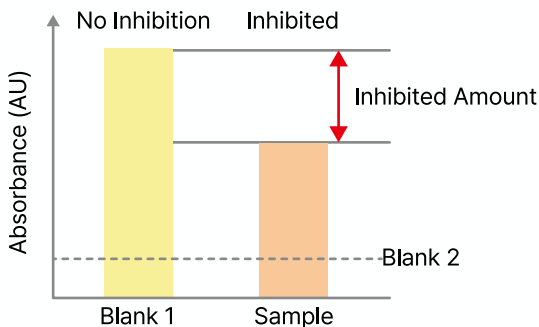
02. Comparison data with Ethyl Acetate and Kit Components

	ACE Kit-WST	Ethyl Acetate
Time	2 Hours	5 Hours
Sample Number	Multiple Samples (96 well plate)	One Samples (cuvette)
Use of Organic Solvent	No	Yes

Components

- Substrate Buffer
- Enzyme A
- Enzyme B
- Enzyme C
- Coenzyme
- Indicator Solution

03. Results



흡광도 측정을 통한 ACE inhibition 유무 파악
Blank 1: Positive control (no ACE inhibition)
Blank 2: Reagent blank

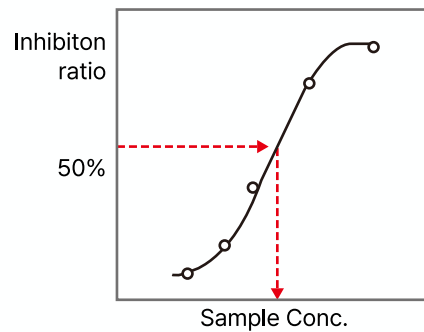


Fig.4 Inhibition curve

Sample과 Inhibition ratio를 통한 IC50 값 측정 가능